

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [4236] 40M dead?  
Message-ID: <199602140415.EAA13601@chuck.dallas.sgi.com>

Well, at 0404UTC Feb 14 1996 I fired up the old Explorer II around the watering hole and picked up C03BN near Habana, Cuba and we both had 589. Don't give up on the old band yet.

dit dit

--  
Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>  
Subject: [4235] 40m is dead.  
Message-ID: <199602140048.AA14224@aplo1.spd.dsccc.com>

QRP'ers,  
Am I the first to notice that 40m is just a wee tad dead?  
I have been trying to copy W1AW at either 1830CST or 2130CST in the evenings to improve my ability to copy. When I started about three months ago, it seemed to work quite well. Recently, though, it has become somewhat more difficult. On a recent typical evening, W1AW would drift in for 10 or 15 seconds and then begin to slowly wane for 10 or 15 seconds and then drift completely out for 5 or 10 seconds. Tonight is different. I cannot pick up W1AW at all. nada. zilch. nuttin'.

'Nuff bad news. Now for the good news. I was just informed by a co-worker that SuperMorse could send arbitrary QSOs. I tried it and it works. I like it.

Regards,  
Charles  
KC5SNU

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From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: paxton@sound.net (frank paxton iii)  
Subject: [4231] 49er LM 380-n

Message-ID: <199602132117.PAA21607@echo.sound.net>

is the 1m380 in the 49er the 14 pin dip or the 8 pin ?  
frank.

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: bhopkins@polarnet.com (Bruce Hopkins)  
Subject: [4214] Alaska to South Orkney Is. on <5w...  
Message-ID: <v01530500ad45ea95c802@[204.119.24.87]>

Hi Gang,

Sitting here listening to an occasional watery signal on 30m and watching the Aurora dance in the North... Nice day here in the Frozen North... Just when I thought 20m was about to fall on its knees I hear LU6Z around 14.019... I started to turn the power up to QR0, fought back the temptation, it took quite a few tries but at 0124z tail-ended a PNW station and bingo 559 both ways (to make logging easier is suspect) all on 4.95w... Honest, I checked it with the WM-1... What a kick in the knickers... If he is there tomorrow I will try to nab him QRPP...

72/73/00's - Bruce \* KL7JAF  
QRP-L #380 QRP-ARCI #9061  
Norcal #???? ISSB #14548  
McPig #003 TFO - 359  
E-Mail: bhopkins@polarnet.com  
BBS: KL7JAF@KL7GNG.#NAK.AK.USA.NOAM  
Snail Mail: B. Hopkins / P.O. Box 10079 / Fairbanks, AK. / 99710

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: Steve Miller <kg7pv@teleport.com>  
Subject: [4218] Cascade  
Message-ID: <199602131505.HAA24424@desiree.teleport.com>

Does anyone know if there are any more Cascades available from the last run of 50?? Can't find Jim's paket address at the moment (anyone have it handy??) Tnx es 73

Steve Miller KG7PV Norcal # 308, QRP-L #109  
Portland, Oregon

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: Steve Miller <kg7pv@teleport.com>  
Subject: [4219] Cascade  
Message-ID: <3120AA16.15A0@teleport.com>

One more Cascade question, where can I find the info on mods that has been collected by various builder/authors? Thanks!

--

Steve Miller KG7PV Norcal # 308, QRP-L #109  
Portland, Oregon

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: "Peter Beedlow" <PB13128@deere.com>  
Subject: [4217] DOCUMENT 02/13/96 08:32:45  
Message-ID: <DACDXX21.PB13128.084732080096044FDACDXX21@TCP30.DX.DEERE.COM>

From: P. Beedlow, NN9K

Subject: Fox Report 13 February

Certainly not an exceptional night from northwestern Illinois. Stations worked as indicated below.

DATE	TIME	CALL	SENT	RCVD	QTH	NAME	FREQ
13/02/96	01:00	WA9PWP/M	599	599		Paul	7.109
13/02/96	01:28	AB9W	579	579	IL	Larry	7.039
13/02/96	01:51	KB9IUA	529	539	IL	Kevin	7.040
13/02/96	02:14	N2VPK	539	229	NY	Mark	7.040
13/02/96	02:18	W6ZH	539	539	CA	Pete	7.040
13/02/96	02:40	KK5RO	549	449	OK	Vernon	7.040
13/02/96	02:43	AB5UA	549	229	OK	Clif	7.040
13/02/96	02:46	K6VNX	539	449	CA	Arlen	7.040

Comments:

KR4ZD/QRP--never did get confirmation that you received your report, the Spanish QRM didn't last all that long but didn't hear you again.

K5HA???--you were there briefly but never got you call correct nor a report.

Actual highlight of the evening was the Paul, WA9PWP/M, showing up at my doorstep. Paul stayed a couple of hours and we had an enjoyable visit. Looked at his mobile installation--very nice and works well.

Thanks to all and CUAGN.

72

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [4223] Fox Schedule Feb-Mar  
Message-ID: <199602131903.TAA11715@chuck.dallas.sgi.com>

Gang,

Well, we are almost there to the finish line. Let me know if there are mods to be made. 18 hours more and then it's history.

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| SECOND ANNUAL INTERNET QRP FOXHUNT SCHEDULE -- 1995 |
| Version 1.000 - Posted to QRP-L September 18, 1995 |
| Version 2.000 - Posted to QRP-L January 21, 1996 |
| Version 3.000 - Posted to QRP-L February 13, 1996 |
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-----THE SCHEDULE OF FOXES FOR 1996-----

NOTE: All times are in UCT(Z) times and local for the fox. And shown for the start of the two hour period they will be on. Details may be posted by the station the week of their stint.

Week Of

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February 11, 1996 --

Thursday	February 15,1996	---	8-10EST	WA3NNA	Pete
	February 16,1996	---	0100Z		

February 18, 1996 --

Monday	February 19,1996	---	8-10EST	WB3GCK	Craig
	February 20,1996	---	0100Z		

Tuesday	February 20,1996	---	9-11EST	W03B	Bob
	February 21,1996	---	0200Z		

February 25, 1996 --

Monday	February 25,1996	---	9-11EST	AA4XX	Paul
	February 26,1996	---	0200Z		

Thursday	February 28,1996	---	9-11EST	WA4NID	Dave
	February 29,1996	---	0200Z		

March 3, 1996 --

Wednesday	March 5,1996	---	6-8 PST	N9UXU	Dave
	March 6,1996	---	0200Z		

Thursday	March 6,1996	---	8-10EST	N4AOX	Clay
	March 7,1996	---	0100Z		

March 10,1996 --

Tuesday	March 12,1996	---	8-10EST	W6T0Y	Bruce
	March 13,1996	---	0100Z		

Thursday	March 14,1996	---	7-9MST	WB4ZKA	Mike
	March 15,1996	---	0300Z		

# LIST OF FOXES

Call	Name	State	email address
-----	-----	-----	-----
AA0XZ	Greg Nunn	MO	genunn@mmm.com
WJ2V	Preston Douglas	NY	pdouglas12@aol.com
N2CX	Joe Everhart	NJ	jeverhart@cayman.vf.mmc.com
KV2X	TJ Jennings	NY	jennings@eng16.rochny.uspra.abb.com
WB3GCK	Craig LaBarge	PA	74740.3166@compuserve.com
WA3NNA	Pete Rossi	PA	rossi@vfl.paramax.com
W6TOY	Bruce Muscolino	MD	bruce3900@delphi.com
W03B	Bob White	MD	bob_white@ccmail.aerosys.loral.com
KJ4XR	Ken Evans	GA	evans.ken@wgs-2.bwi.bls.com
AA4XX	Paul Stroud	NC	aa4xx@nando.net
N4AOX	Clay Wynn	TN	wyn@stc06.ctd.ornl.gov
WA4NID	Dave Johnson	NC	djohnson@acpub.duke.edu
AB5OU	Tim Pettibone	NM	tpettibo@nmsu.edu
NA5N	Paul Harden	NM	pharden@aoc.nrao.edu
KK6MC	Jim Duffey	NM	ji3m@scubed.com
NA5K	Smitty Smith	TX	hbs@crl.com
N6ULU	Stan Goldstein	CA	stan@cruzio.com
N9UXU	Dave Adams	CA	dave@flowserver.stem.com
WB4ZKA	Mike Pulley	AZ	mike_j_pulley@ccm.hf.intel.com
NQ7K	Mike Conner	AZ	mikec@primenet.com
WW7Y	Steve Kubisch	UT	kub@upl.com
WB8ZJL	Paul Valko	MI	prvalko@Oakland.edu
NN9K	Peter Beedlow	IL	pb13128@deere.com

--  
 Chuck Adams (K5FO CP-60) adams@sgi.com  
 Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
 From: wdzeares@rockdal.aud.alcatel.com  
 Subject: [4222] FOX TUES ???  
 Message-ID: <9602131853.AA04667@aud.alcatel.com>

Is there a FOX hunt tonight (Tuesday)?  
 Please email me direct. Thanks  
 72/73 Dennis K3ETS

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
 From: "Andrei Morosan" <MICHELLE@lic\_dc ldc.sfos.ro>  
 Subject: [4221] FROM ROMANIA

Message-ID: <BEB8E36ED@lic\_dc ldc sfos ro>

HELLO,MY FRIENDS!

73! FROM ROMANIA!

LAST DAYS I HAVE SENT TO YOU A MAIL MESSAGE INCLUDING MY REQUEST FOR AN FM TRANSMITTER OR OTHER KIND TRANSMITTER OF LOWW POWER DIAGRAM. I RECIEVED ALSO TWO REPLIES.UNFORTUNATELY I DELETED BY MISTAKE YOUR MESSAGES.PLEASE SEND TO ME ANY KIND OF INFORMATION YOU ARE ABLE TO,AND I AM SORRY NOT TO REMEMBER YOUR ADRESSES.I RE MEMBER ONE OF THE ADRESSES WAS

LJBOULE@.....

PLEASE,CONTACT ME AGAIN!

I USE PEGASSUS MAIL.

IF YOU HAVE A TEXT FILE SEND IT TO ME AS A PROGRAM.

THANK YOU A LOT,MY FRIENDS!

72!

MY MAIL ADRESS IS  
MICHELLE@LIC\_DC.LDC.SFOS.RO

GOD BLESS YOU!

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: Paul Christensen <PaulC@jax.se.continental.com>  
Subject: [4225] Ham Trader Yellow Sheets  
Message-ID: <31211AE3@se.continental.com>

Is HTYS still in business?

My last issue from a year ago lists a phone number (813) 379-7846 for subscriptions/ads, but it's been disconnected.

Thanks!

-Paul

paulc@jax.se.continental.com

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: Joe Spencer <jspencer@metronet.com>

Subject: [4226] HAM-COM '96 Arlington TX  
Message-ID: <Pine.HPP.3.90.960213141601.13600A-100000@fohnix.metronet.com>

HAM-COM '96

3 Days In June :-)

Greetings Gang,

We have begun lining up the ducks for the 1996 QRP areas at the 1996 Arlington Ham Convention. So here is the information so far...

Location: ARLINGTON CONVENTION CENTER Arlington, TX  
Dates: 7-8-9 June 1996

Talk-in will be on the Arlington ARC repeater K5SLD 147.140 (+600 110.9 pl)

We will have the same tables in the inside flea market as last year (the first 4 on row M). There will be QRP show-n-tell gear, kits, books, paperwork, applications, handouts and leftovers from Dayton. Lots of room to sell any extra goodies you may have.

There will be a QRP program on Saturday and a QRP forum on Sunday.

<Tenative>

Saturday - a panel discussion on QRP Afield operations/antennas/etc.  
(still seeking volunteers to man the panel, Stuart, Smitty,?)

Sunday - an open forum with possible topics including antennas, kit building, operating, batteries/chargers.

General Information:

Tickets	Pre-registered	\$14	Family	\$1
	@ door	\$16		\$2

Tables	\$25
Outside Flea Market	\$20
Parking	FREE (much more than last year too!)

HAM-COM Web site... <http://www.netbelay.com/~hamcom>

Anyone interested in speaking or presenting to the group PLEASE contact me or Doc W5TB.

73, Joe KK5NA [jspencer@metronet.com](mailto:jspencer@metronet.com)



From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: nwqrp@scn.org (SCN User)  
Subject: [4213] NW QRP meeting, sprint, etc.  
Message-ID: <199602130604.WAA25008@scn.org>

QRP-L Gang,

Well, the meeting on Saturday went quite well. Over 20 people were there, including a few new faces. Bill (our leader) was 1/2 hr late, but we didn't notice because we were having so much fun chatting (easier than CW <hi>.)

A group was formed to research FD antennas for FD 96. Another group was formed to get the packet--internet gateway project going. This group will assemble a 9600 bps tcp/ip station for demonstration to the Hardware Committee of our local FreeNet (SCN). Based upon feedback, we may choose to proceed with site evaluation experiments and then a formal proposal to SCN at a general meeting for a vote. (I know, not really QRP related, but this will potentially provide members and local community with internet access via packet to ... join this list, for instance). Seattle already has a internet to packet gateway, but it is down alot.

The Sprint was successful, despite marginal conditions. Thanks to the many who have sent email reports. No, Stan (Kg7ME) does not yet have email ... I'm working on him. <hi> I will respond to the reports I have recieved individually soon.

The new NWQ Newsletter is out on paper, but not yet online. It should be a few more days. Eric Rehm, NWQ# 301, is now my assistant as far as WEB stuff goes.

The flooding here has been quite bad. Like in Nov., hundreds are living in Red Cross shelters. 40 roads are still flooded. Several major rivers are still over flood stage. Hams here are doing a bang-up job.

As for me ... well I really enjoyed using my kc-1 keyer in the Sprint, despite the fact that it is still needing an enclosure! I passed around my pixie/altoids at the meeting and all were impressed ... mostly because the power supply fit inside. Yes, QRP-L will always be the virtual home for the Pixie II. Thanks for letting me in on this little gem!

--Brian, KV9X

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i	NorthWest QRP Club	-----
==[scn]==		--0---/\--
) (	nwqrp@scn.org	/^\^\/ ^^\ --NW QRP--
/_ \	<a href="http://www.scn.org/IP/nwqrp/nwqrp.html">http://www.scn.org/IP/nwqrp/nwqrp.html</a>	

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: ae4ic@nr.infi.net (BOB KELLOGG)  
Subject: [4227] NW80/20 - Part IV  
Message-ID: <199602132023.PAA00409@mh004.infi.net>

Well, I've zeroed in on the problem (?) of low resistance in the +12v line and sleuthed the cause to T3, the IF transformer.

Sent an email to Roy, but no sooner sent than received a post from Roy that his server has been down and he's about 200 messages behind. What to do? Wait a day or two on Roy, or plunge ahead? LET'S GET THIS THING ON THE AIR!!!

Prior to PLUNGING AHEAD, we check our resistances again, and review our logic. No doubt about it, the transformer has to be the culprit. (NOT)

Tentatively, we use the desoldering braid on all five of the transformer pins and the two grounds from the can. It looks pretty clean, so I give it a slight tug. Pop! It breaks loose and drops cleanly into my hand! WOW! am I good or what?!! Check the +12 v line for resistance. WHAT? OH, NO, IT CAN'T POSSIBLY BE ---- but it is, the all too familiar 132 ohms :-(

Let's look at the circuit board again. Hmmm. One of the neat things about this board is that it has plenty of extra ground points and some +12v lands for accessories. -- but I don't see those indicated on the diagram. Well, that's not important.

Where do I detect problems besides the +12 line? There were the bad measurements around Q4, but the diagram says it is connected to 5v, not 12v. Let's follow the traces on the board. Now that the transformers out, that 35 ohm resistance has got to be around it somewhere. Here is a trace going to Q9 that has 35 ohms. HOLY COW! Q9 MEASURES 35 OHMS BETWEEN THE GATE AND DRAIN, AND ITS IN THE +12V LINE, not the 5v line, as shown on the diagram. Q9 has been the culprit all along! Check again, no, Q9 is not shown on the resistance chart. Well, let's take break and think about this some more.

During the break, I check my email, and there's a post from Roy. He says 132 ohms resistance in the +12V line is probably ok. He measured 140 ohms

on his rig. He says also that Q9 was added to the circuit at the last minute to provide gain to make up for the loss due to the variable band width filter. Roy also suggests that the QRP-L group might be interested in my building experiences. (He probably figures that if someone as dumb as I am can build his rig, anyone can)

So. All of this time I've been chasing after a non-problem? Hmmm. Well, the receiver has worked all along, and sounded pretty good. Ok, I guess I'm a little anal-retentive and allowed myself to get side tracked. Well, LET'S GET THIS THING ON THE AIR!

I still wish it didn't draw so much current on receive. Do you suppose I could find a sub for Q9 that would draw less current? I measure a bunch of FETs from my cache. The MPF102s have very high resistances, but when I put one in the circuit, I can barely hear the receiver. The 2n4416s measure 140 ohms Gate to Drain so I try one, and still can barely hear the receiver. Ok, enough experimenting.

LET'S GET THIS THING ON THE AIR! We'll assume the 132 ohms is ok. The reason we started troubleshooting was that we had no power output. The manual says that L6 and L7 may have to be tweaked to get full power, so we'll try that.

Start to reassemble the board into the case. Oh, oh, while handling the board, we've wiped most of the icky white heat sink compound off the PA, so put another dab on there for good measure.

Replace the jacks, resolder, etc. (still a pain). Plug in the power supply, turn on the switch, HUMMM, POP! Turn it back off, quick! The circuit breaker has popped from a current overload. Well, that's funny, no problem before. Measure the resistance at the power jack. No resistance at all -- an open circuit -- I've probably burned something up. (YOU DUMMY, YOU JUST TURNED THE SWITCH OFF! HOW DO YOU EXPECT TO MEASURE ANY RESISTANCE THROUGH AN OPEN SWITCH?)

Hmmm. Well I've got this Gel cell that's a lower voltage than my power supply. I'll hook it up with a 22 ohm resistor in the line to limit the current and see what happens. Nothing. Oh, turn the switch back on, POP! the resistor blows apart. I must have a dead short. Measure the resistance again at the power jack, this time with the switch on, and sure enough, dead short. RATS!

Remove the board from the case (still a pain) and measure resistance of the +12 volt line again. For the first time, I'm tickled to death to read 132 ohms.

Ok, simple, when I put the board in the case, I must have shorted something. put the board back in the case, carefully, (a pain) tighten everything up, and measure the resistance at the power jack. Dead short.

Remove the board again (the pain is getting worse). Checks ok outside of the case. Alright, you @#%&\*\$/@+++, I'll put you together again and check after each screw. Even more pain, but no problems, until the final screw attaches the PA to the case (its heatsink). How can that be? I've used a mica insulator, and it's still in place. There's heatsink compound smeared all over the place -- surely that's not conductive..??? YOU GUESSED IT, dear reader, I've used this stuff a dozen times before with no problem because I'm pretty neat with it. But this time, I let it get smeared over the mica and onto the case, shorting the PA.

Well, now lets see. We're back where we ended Part II. The NW80/20 is assembled in its case, but I've got no power output.

----- TO BE CONTINUED -----

Bob Kellogg, AE4IC  
Probably, but not nececelery. - Benny Hill

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: SYDV00A@prodigy.com (MR FLOYD E SMITHBERG)  
Subject: [4220] NW8020  
Message-ID: <013.01070958.SYDV00A@prodigy.com>

Well here's my solution to the "single signal" problem after spending much time with alignment, looking for soldering and assembly errors and listening to suggestions....nuttin'. Grounded the xtal cans even reversed the way R39,40,41 were installed to possibly reduce coupling around the xtals. Finally, noting in Hambrew that the circuit shown there had no Q9 I decided to bypass it so first just removed L8...ah ha, still plenty of sig feeding thru so took Q9 out and put 330pf from G to D. Lookin gud, so removed R42 also and found still had plenty of gain. Now the opposite side signal is definitely way down and what little is left is noticeably dropped or eliminated by turning in the VBW. The VBW still reduces the gain considerably but bringing up the audio gain control one can arrive at a good balance.

Would be interested in comments from others on this.

It's a great little rig and like it even better now. Now back to building the case

Floyd NQ7X Phoenix

PS Just worked V5/K8JP 599 with it.

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: Wayne Barnhart <wayneb@on-ramp.ior.com>  
Subject: [4234] NW8020  
Message-ID: <Pine.LNX.3.91.960213155635.16838A-100000@on-ramp.ior.com>

Here all these people making DX contact and I just be plodden along. The RIT dont work. Double checked evrything but the freq counter just sits there and ogels me. I'm not sure it like what it sees :(. Anyway, after checking my checks I decided that I didn't do anything wrong other than try to put it together on a night that Pat B takes second place in the Iowa caucus. Got tired of fussing with it so went on to the audio amp. It works. I don't think I can check out the resistances until the entire board is populated so I may have to live with it for awhile. For reference I got the following data;

Q4        key to gnd

G    0    3.33V  
D    2.69 2.68  
S    2.38 2.63

I only get about an hour a day on this as the instructors at the university insist that there stuff comes first. They be funny that way.

So, if any of the others building or have built the kit had problems with the RIT pass 'em over.

Thanks

Wayne WB7WHI  
Spokane, Wa.

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: "Arjen Raateland, SYKE/YV, puh. 90-4030 0457" <Arjen.Raateland@vyh.fi>  
Subject: [4229] OHR Spirit performance  
Message-ID: <01I16JL97SN08Y56WV@vyh21.vyh.fi>

Gang,

Now that I've got my Sierra up and working without trouble, I've got some comparison for the OHR QRP Spirit (80 m) that I built more than a year ago. Also the Finnish Telecommunications Administration Centre is about to mail my first HF license papers and so it's time to get all

rigs available up to snuff. If I want to stand a chance of ever working the QRP-L fox, I'll need all 5000 mW of the Spirit (just joking).

Anyway, I've always found the Spirit receiver to be on the quiet side. As far as I can tell I hear more or less the same stations that I hear on my GC receiver and the Sierra, but the audio output is rather low. The reasonably complicated (audio derived, separate amplifier) AGC circuit of the Spirit doesn't become active on most signals, and the audio volume changes quite a lot between stations. On weak stations the volume isn't really enough when in a noisy environment.

I've done a lot of checking on the circuit, so I feel confident to say that any shortcomings must be due to component variations and/or perhaps the design itself.

I know I don't have a very good antenna (a 'magnetic' loop on 80 m is never much good), but I use it with my other rigs, too. The increase in noise when an antenna is connected to the Spirit is discernable, but not spectacular, even though this is 80 m we're talking.

The AGC of the Sierra on the other hand is sensitive and manages to keep the audio volume at a relatively constant level, which can be adjusted to a suitable level for weak and loud signals at the same time.

The Spirit has a passive mixer, but it does have a pre-amplifier, so it's quite different from the Sierra. The injection voltage to the TUF-1 diode quad mixer is a bit on the low side (about 0.24 Vrms). The Spirit may be able to take stronger input signals than the Sierra, although I still had to put in a BC rejection filter to get rid of BC crud that made any reception impossible on the Spirit when I took it to a place about 20 km from a 500 kW MW transmitter (wire antenna, no front-end selectivity -> 1 Veff on collector of RF preamp!).

So I wonder if there are readers on this list who have compared the OHR Spirit to other rigs. What observations have you made? Have you been able to do something about the low audio volume? I don't think I should have to add an external audio amplifier as the internal LM380 should be able to supply enough volume on it's own.

Suggestions are very welcome, either to the list or via EMAIL.

tu es 73 de Arjen, OH2ZAZ

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Finnish Environment Agency, Helsinki, Finland

SAS Support

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tel. +358 0 4030 0457  
fax +358 0 4030 0490  
-.-. -.-

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: N1QQV@aol.com  
Subject: [4230] QRP+ Question  
Message-ID: <960213160944\_321039736@emout10.mail.aol.com>

Hello All,

I have made two mods to my QRP+ and am looking to clean up one more item. Has anyone had a problem with a noise that sounds like a static pop when the QSK relay drops out? It's not real loud, but becomes an annoying distraction after a while! Is this an inherent problem, or unique to this rig?

TNX and 73, Ken

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
Subject: [4216] SHAKIEST PADDLE IN ITU-2 !!  
Message-ID: <9601138242.AA824226118@smtpgw.ccgate.dl.nec.com>

Did ya ever get so nervous/excited that you completely blow a contact??

Boy, that's what happened to me TWICE yesterday afternoon on 20. Just got done putting more radials on the h.b. vertical, and thought I'd check it out.

Blew my first DX in quite a long while. One was a FY5 (Fr. Guiana) other a PY4 - both flying along at better than 30 wpm. I screwed up the exchange on both because of a shakey fist. They both dug out the info, in spite of my feeble paddle hand.

Oh well, it's exciting to work some DX anyway. I just wish I could get my fist to keep up with my brain!!

p.s. I did work CA and FL on 40m with the 20m vertical.  
Guess I answered my own question abt that antenna being able

to work on 40.

73 de Dave KK5HA

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: lhalliday@creo.bc.ca  
Subject: [4232] Silicon Valley hamplaces?  
Message-ID: <9601138242.AA824248738@mail.creo.bc.ca>

Or, VE7LDH/W6...I've just about convinced myself that a weekend in the Bay Area might be an excellent antidote to the winter blahs, and am now looking at dates - are there any events (hamfests, flea markets, etc.) in the next few weeks that an out of town visitor should know about? Any Really Cool stores an out of town visitor should know about?

I could be persuaded to go to L.A. instead, but San Francisco is more my speed, and is a more convenient weekend (L.A. works better as a 3 day weekend from here).

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.bc.ca	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: Peter Simpson <peter@Thoth.st.3com.com>  
Subject: [4215] Soldering  
Message-ID: <Pine.SUN.3.91.960213064900.2389A-100000@Thoth>

I'd just like to back up the comments of those who recommended the temperature controlled irons. I recently bought my son his first soldering iron. It's a used Weller WTCPN and it cost me \$31 postpaid from a ham in Washington state who had advertised it on Usenet.

Sure, you can get a throwaway iron for \$10 at Radio Shack or the like, but once you've soldered with a quality temperature-controlled iron, those \$10 irons seem awfully clumsy and crude. The Weller irons are completely rebuildable, tips are readily available and the whole tool is of high quality. If you find a scrungy old used one at a flea market for \$10, buy it! You'll be able to clean it up and it'll work as good as new. I find JB Weld epoxy from K-Mart or the auto parts store works well to patch up



cracked cases. You can get super-pointy tips that are just the thing for surface mount components and big spade tips for soldering pieces of copper braid. The Weller design has been around for at least 20 years and they produce a quality product that's worth buying if you come across one.

Even I balk at the list price, though :-)) I have two that I got out of the trash at the last place I worked. One kept burning out tips because it had no power switch (I installed one...and a pilot light). The other had a defective connector (I hard-soldered the iron to the power unit). Soldering irons tend to look awfully disgusting after they have been used in a factory, and tend to get thrown out sooner than they should. A real ham will exploit this misdirected emphasis on cosmetics, appreciating the inner beauty of the object.

Regards,  
Peter

--

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From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: PDouglas12@aol.com  
Subject: [4212] Stupid coil winding--a warning  
Message-ID: <960212235715\_421174826@mail02.mail.aol.com>

Hi Gang,

Just spent a couple hours trying to get a lousy dozen parts to act like a VFO in my NW 80 under construction. Ugh. Finally found it, right there under "very dumb." The last four turns of L1, after the tap, must be wound so as to continue the winding. Winding the coil backwards from that point (how the hell did I do that??) will cause the oscillator to buck itself--definitely NG. Anyway, any damn fool will wind it the correct way without even thinking about it. Just a little note, in case there are any out there with limited intelligence, like me, or who work on kits in the middle of the night when they should be sleeping. Which is what I plan to do now that I shot the trouble.

Incidentally, the modular building technique in the NW helped to isolate the trouble very well before I got too far into the project that might have been doomed after it was all done. Sometimes, shooting trouble is more fun than

just building...that is, when the trouble is found and cured! Real satisfaction.

GN es CL,  
Preston WJ2V

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: rossi@VFL.Paramax.COM (Pete Rossi)  
Subject: [4224] WA3NNA FOXHUNT SCHEDULE  
Message-ID: <9602131918.AA23394@gvlf6-a>

Try to catch a \*real\* FOX this week!!

Live! From Newtown Square PA - 1 mile from the duPont FOXcatcher estate that made the national headlines a couple weeks back...

Wednesday Feb 14 EST			Thursday Feb 15 UTC		
8:00 -	8:10 PM	-----	7110 Khz	-----	0100 - 0110z
8:10 -	10:00 PM	-----	7040 Khz	-----	0110 - 0300z

I will stay on 7110 as long as it remains productive. I may also return to 7110 later if activity on 7040 dies down.

All frequencies are +/- QRM

PLEASE NOTE: This is a different day and time than what was posted in the original FOXhunt schedules a ways back.

Also...

Following the regular 40 meter FOXhunt at 10:00 PM EST (0300 UTC), I plan to QSY to 80 meters (3560 +/-) and look for stations. I will call "CQ QRP FOX" but this will not be counted as part of the regular FOXhunt program. I will also try to check 3579 at least once .. depending on how activity goes.

RIG : Heath SB-401 @ 5 watts & Drake 2B/2BQ  
ANTENNA : 40 inv-vee @ 50'      80 inv-vee @ 65'

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Pete Rossi - WA3NNA  
rossi@vfl.paramax.com

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: "Robert J. Gobrick" <rgobrick@nfld.com>  
Subject: [4233] RE: DAYTON-L digest 32  
Message-ID: <2.2.32.19960212222848.0073c36c@public.compuserve.com>

Ron,

And here I thought I had the market cornered and out pops another weird ham saving Sucrets boxes - where did we go wrong in life ??? :^)

I also built a QRP New England club 40-40 in a nice commemorative tin that Kodak used to package up 4 rolls of film at Christmas time a year ago. I think Steve has a picture of it on the QRP-L WWW homepage. Top that!!

See you at Dayton Ron. 73/72 Bob V01DRB/WA6ERB

At 10:07 2/13/96 EST, you wrote:

>I have also been saving an old Sucrets tin for just such an occasion. I  
>hope to have my 49er in same. Now, since Bob thinks he is something  
>important because he has a Pixie 2 in a Sucrets case that I can imply the  
>same importance to me?:) I will also have my ink pin filled and ready for  
>autographs and even get a hair cut for the occasion.:)

>

>My order went out yesterday also. Hope to see everyone's 49er at Dayton.

> It would even be nice to have some 49er qso's too!

>

>Happy building.

>

>72 de

>

> Ron Doyle, N8VAR qrp-1# 263

>

Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP
Internet: rgobrick@nfld.com
bgobrick@nl.net.nf.ca
Compuserve: 70466.1405@compuserve.com

From qrp-1@lehigh.edu Tue Feb 13 22:23:08 1996  
From: Paul Christensen <PaulC@jax.se.continental.com>  
Subject: [4228] RE: Ham Trader Yellow Sheets  
Message-ID: <312123BE@se.continental.com>

Thanks to all who answered my question.

-Paul